



Public Health

Seattle & King County

HEALTHY PEOPLE. HEALTHY COMMUNITIES.

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PUBLIC HEALTH – SEATTLE & KING COUNTY LABORATORY

DIRECTORY OF SERVICES

January 1, 2005

The primary objective of the Public Health – Seattle & King County Laboratory is to assist in the prevention of disease spread. This is accomplished by identifying patients and environmental samples which carry organisms that are potentially harmful to the health of the residents of King County. One of the ways to achieve this objective is for the public health laboratory to make available certain services to health care providers.

FEES AND BILLING

The following fee and billing information only applies to services provided to non-Public Health – Seattle & King County health care providers.

A fee which covers the cost of providing service is imposed for some procedures; other procedures are provided at no charge to health care providers located in King County.

There is no fee for specimens submitted in compliance with WAC regulations (see below).

We are not authorized to bill individual patients. Statements will be sent each month to the health care providers who have submitted specimens. Health care providers can avoid billing by having their patient submit a check for payment of test at the time the specimen is submitted.

We will bill DSHS if a Medicaid coupon or a Medicaid Patient Identification Code (PIC) number, health care provider's name, and diagnosis code accompanies the patient's specimen. We will also bill private insurance, other than Regence Blue Shield, if the required billing information accompanies the patient's specimen. We are not authorized to bill Medicare and Regence Blue Shield; hence specimens submitted for patients with Medicare and Regence Blue Shield will be billed to the health care providers.

CONFIRMATORY TESTING

The public health laboratory accepts the following from laboratories in King County for confirmation and further testing: serum specimens found to be reactive in a screening test for syphilis or positive for measles IgM antibody; specimens on suspect cases of botulism or rabies; specimens found to be positive for cyclospora; and cultures or other appropriate clinical material found to be positive or suspicious for brucella, cholera, diphtheria, disease of suspected bioterrorism origin, enterohemorrhagic *Escherichia coli*, meningococcal disease, plague, salmonella, shigella, or tularemia. Tuberculosis cultures are sent directly to the State Public Health Laboratory for confirmation. Such specimens must be submitted by laboratories in King County in order to comply with Washington State Board of Health regulations (WAC 246-101-201).

The public health laboratory strongly encourages all laboratories located in King County to submit their *Neisseria gonorrhoeae* isolates for confirmation. Submission of *N. gonorrhoeae* subcultures will satisfy the laboratory reporting requirement for gonorrhea (WAC 246-101-201).

SPECIMEN STORAGE AND TRANSPORTATION

Refrigerate all specimens except gonorrhea cultures and trichomonas cultures until they are delivered to the Public Health – Seattle & King County Laboratory located in the Basement of the West Clinic at Harborview Medical Center (325 9th Avenue, Room BWC03, Box 359973, Seattle, WA 98104-2499) or to a health department specimen pickup station.

Gonorrhea cultures are to be kept in a 35-37°C incubator with 3-10% CO₂ and increased humidity overnight before they are delivered to the public health laboratory or to a health department specimen pickup station. If an incubator is not available, the APTIMA test for *N. gonorrhoeae* should be used. Trichomonas cultures are to be kept at room temperature and delivered to the public health laboratory the same day or kept in a 37°C incubator overnight before they are delivered to the public health laboratory or to a health department specimen pickup station. Most supplies and containers are available at the public health laboratory and at health department specimen pickup stations.

The addresses of the health department specimen pickup stations and approximate specimen pickup times are listed on page 7 of this informational bulletin.

For further information, contact the public health laboratory at (206) 731-8950 or by FAX at (206) 731-8963.

A. MICROBIOLOGY

Acid fast bacillus, smear only	Specimen: Early morning sputum, midstream urine, or other body fluid specimen in sterile screw-capped container Performed: M – F, results same day
Botulism	Specimen: Phone Epidemiology Section, (206) 296-4774
Brucella, confirmation	Specimen: Culture on isolation medium Performed: Sent to State Lab
<i>Chlamydia trachomatis</i> by APTIMA	Specimen: Endocervical or male urethral swab specimen in APTIMA swab transport tube, or 2 mL of first 20-30 mL of voided urine in APTIMA urine transport tube Performed: T, W, F, results in 1 – 2 days
Cholera, confirmation	Specimen: Culture on isolation medium Performed: Sent to State Lab
Cryptosporidium examination	Specimen: Feces in 10% Formalin vial Performed: M – F, results next day
Culture, Acid fast bacillus with smear. Includes DNA probe identification of isolates.	Specimen: Early morning sputum, midstream urine, or other body fluid specimen in sterile screw-capped container. Three specimens collected on successive days is recommended. Performed: M – F, smear results same day, culture results in 1 – 8 weeks

Culture, Gonorrhea	Specimen: Order kits from the laboratory, (206) 731-8950 Performed: M – F, results next day
Culture, Group A streptococcus	Specimen: Throat swab in culturette Performed: M – F, results next day
Culture, Group B streptococcus	Specimen: Vaginal and rectal swab in culturette. Screening all pregnant women between 35 and 37 weeks' gestation is recommended. Performed: M – F, results in 1 – 2 days
Culture, <i>Haemophilus ducreyi</i>	Specimen: Order kits from the laboratory, (206) 731-8950 Performed: M – F, results in 2 – 9 days
Culture, Herpes simplex virus	Specimen: Lesion swab in viral transport medium (use dacron swab on plastic or wire shaft) Performed: M – F, results next day
Culture, Pertussis with smear	Specimen: Nasopharyngeal swab in Regan-Lowe transport medium (use dacron swab on wire shaft) and smear on glass slide. Regan-Lowe transport medium, dacron swabs, and glass slides can be obtained from the laboratory, (206) 731-8950 Performed: M – F, smear results same day, culture results in 4 – 12 days
Culture, Stool (Salmonella, Shigella, Campylobacter, <i>E. coli</i> 0157:H7)	Specimen: Feces in Enteric Pathogen Transport vial Performed: M – F, results in 3 – 5 days
Culture, <i>Trichomonas vaginalis</i>	Specimen: Order kits from the laboratory, (206) 731-8950 Performed: M – F, results in 1 – 3 days.
Culture, Virus (adenovirus, cytomegalovirus, enterovirus, herpes simplex, influenza, parainfluenza, respiratory syncytial, varicella zoster)	Specimen: Swab specimen in viral transport medium (use dacron swab on plastic or wire shaft) or urine, stool, cerebrospinal fluid, etc. in sterile screw-capped container Performed: M – F, results 1 – 14 days
Cyclospora, confirmation	Specimen: Feces in 10% Formalin vial Performed: M – F, results next day
Diphtheria, confirmation	Specimen: Culture on isolation medium Performed: Sent to State Lab
Disease of suspected bioterrorism origin	Specimen: Phone Epidemiology Section, (206) 296-4774
Enterohemorrhagic <i>Escherichia coli</i> (includes <i>E. coli</i> 0157:H7), confirmation	Specimen: Culture on isolation medium Performed: M – F, results in 1 – 3 days
Food bacteriology	Specimen: Phone Epidemiology Section, (206) 296-4774

Gonorrhea, confirmation	Specimen: Culture on isolation medium Performed: M – F, results next day
Influenza virus antigen (influenza A, influenza B)	Specimen: Throat or nasopharyngeal swab in viral transport medium (use dacron swab on plastic or wire shaft) Performed: M – F, results same day
Meningococcal disease, confirmation	Specimen: Culture on isolation medium Performed: M – F, results in 1 – 3 days
<i>Neisseria gonorrhoeae</i> by APTIMA	Specimen: Endocervical or male urethral swab specimen in APTIMA swab transport tube, or 2 mL of first 20-30 mL of voided urine in APTIMA urine transport tube Performed: T, W, F, results in 1 – 2 days
Ova and parasites examination	Specimen: Feces in 10% Formalin vial. Three specimens collected every other day is recommended. Performed: M – F, results same day
Pinworm examination	Specimen: Adhesive paddle: order kits from the laboratory, (206) 731-8950 Performed: M – F, results same day
Plague, confirmation	Specimen: Culture on isolation medium Performed: Sent to State Lab
Rabies	Specimen: Phone Epidemiology Section, (206) 296-4774
Respiratory syncytial virus antigen	Specimen: Nasopharyngeal swab in viral transport medium (use dacron swab on wire shaft) Performed: M – F, results same day
Salmonella, confirmation	Specimen: Culture on isolation medium Performed: M – F, results in 1 – 3 days
Shigella, confirmation	Specimen: Culture on isolation medium Performed: M – F, results in 1 – 3 days
Tuberculosis, confirmation	Specimen: Culture on isolation medium Performed: Sent to State Lab
Tularemia, confirmation	Specimen: Culture on isolation medium Performed: Sent to State Lab

B. SEROLOGY

Hepatitis A antibody, IgM (IgM anti-HAV), EIA	Specimen: 1 mL serum (red top) Performed: M, Th, results same day
Hepatitis A antibody (anti-HAV), EIA	Specimen: 1 mL serum (red top) Performed: M, Th, results next day

Hepatitis B surface antigen (HBsAg), EIA. Includes confirmation assay when EIA is repeatably reactive.	Specimen: 2 mL serum (red top) Performed: M, Th, results next day
Hepatitis B surface antibody (anti-HBs), EIA	Specimen: 1 mL serum (red top) Performed: M, Th, results next day
Hepatitis B core antibody, IgM (IgM anti-HBc), EIA	Specimen: 1 mL serum (red top) Performed: M, Th, results same day
Hepatitis B core antibody (anti-HBc), EIA	Specimen: 1 mL serum (red top) Performed: T, F, results same day
Hepatitis C antibody (anti-HCV), EIA	Specimen: 1 mL serum (red top) Performed: T, F, results same day
Herpes simplex type 1 antibody (gG1-specific), IgG, EIA	Specimen: 1 mL serum (red top) Performed: M, Th, results same day
Herpes simplex type 2 antibody, (gG2-specific), IgG, EIA	Specimen: 1 mL serum (red top) Performed: M, Th, results same day
HIV-1 antibody, EIA. Includes WB confirmation assay when EIA is repeatably reactive.	Specimen: 1 mL serum (red top) Performed: M – F, results next day
HIV-1 antibody, confirmation, WB	Specimen: 1 mL serum (red top) Performed: T, F, results same day
Measles antibody, IgM, confirmation	Specimen: 1 mL serum (red top) Performed: Sent to State Lab
Measles antibody, IgG, EIA	Specimen: 1 mL serum (red top) Performed: W, results same day
Mumps antibody, IgG, EIA	Specimen: 1 mL serum (red top) Performed: W, results same day
Rubella antibody, IgG, EIA	Specimen: 1 mL serum (red top) Performed: W, results same day
Syphilis, RPR, qualitative. If positive, includes RPR, quantitative, and TP-PA.	Specimen: 1 mL serum (red top) Performed: M – F, results same day
Syphilis, treponemal antibody, TP-PA	Specimen: 1 mL serum (red top) Performed: T, F, results same day
Syphilis, treponemal antibody, FTA-ABS, CSF	Specimen: 1 mL cerebrospinal fluid Performed: T, results same day

Syphilis, confirmation, RPR,
quantitative. If positive, includes
TP-PA.
Syphilis, VDRL, CSF

Specimen: 1 mL serum (red top)
Performed: M, W, F, results same day

Specimen: 1 mL cerebrospinal fluid
Performed: T, Th, results same day

Varicella-zoster virus antibody, IgG,
EIA

Specimen: 1 mL serum (red top)
Performed: W, results same day

C. ENVIRONMENTAL

Water, drinking, total coliforms
and *E. coli*

Drinking water specimens will be accepted
provided such specimens are in containers
purchased at the public health laboratory or at
public health centers and are received in the
laboratory within 30 hours of collection.

Water, *E. coli*

Specimens collected from swimming pools, hot
tubs, jacuzzis, spas, etc., will be accepted provided
such specimens are in containers purchased at the
public health laboratory or at public health centers
and are received in the laboratory within 30 hours
of collection.

Water, *Pseudomonas aeruginosa*

Specimens collected from swimming pools, hot
tubs, jacuzzis, spas, etc., will be accepted provided
such specimens are in containers purchased at the
public health laboratory or at public health centers
and are received in the laboratory within 30 hours
of collection.

TEST METHOD ABBREVIATIONS

EIA	= Enzyme Immunoassay
FTA-ABS	= Fluorescent Treponemal Antibody-Absorption
RPR	= Rapid Plasma Reagin card test
TP-PA	= <i>Treponema pallidum</i> particle agglutination
VDRL	= Venereal Disease Research Laboratory slide test
WB	= Western Blot

PUBLIC HEALTH – SEATTLE & KING COUNTY LABORATORY

SPECIMEN PICKUP AND DELIVERY SCHEDULE

January 1, 2005

<u>DISTRICT</u>	<u>ADDRESS</u>	<u>APPROXIMATE PICKUP TIME</u>
<u>North</u>		
North Public Health Center	10501 Meridian Ave N, Seattle	8:30 a.m.
*Northwest Hospital (2 nd Floor, Lab)	1550 N 115 th Street, Seattle	8:15 a.m.
State Laboratory	1610 NE 150 th Street, Shoreline	9:00 a.m.
<u>Central</u>		
Downtown Public Health Center	2124 4 th Ave, Seattle	9:40 a.m.
Public Health Laboratory, (Harborview Medical Center, Room BWC03)	325 9 th Ave., Seattle	8:00 a.m.- 5:00 p.m.
<u>Southwest</u>		
Federal Way Public Health Center	33431 13 th Pl S, Federal Way	9:30 a.m.
*Highline Community Hospital (5 th Floor Lab, next to Emergency)	16251 Sylvester Road SW, Burien	1:00 p.m.
White Center Public Health Center	10821 8 th Ave SW, Seattle	12:15 p.m.
<u>Southeast</u>		
*Auburn Regional Medical Center (2 nd Floor, Lab)	Plaza One 202 N Division St, Auburn	10:00 a.m.
Auburn Public Health Center	20 Auburn Ave, Auburn	10:30 a.m.
Columbia Health Center	4400 37 th Ave S, Seattle	8:15 a.m.
Group Health Laboratory	12400 E Marginal Way S, Tukwila	2:00 p.m.
Kent Public Health Center	613 West Gowe Street, Kent	12:30 p.m.
Renton Public Health Center	3001 NE 4 th Street, Renton	1:30 p.m.
*Valley Medical Center (2 nd Floor, Lab)	400 S 43 rd Street, Renton	1:45 p.m.
<u>East</u>		
Eastgate Public Health Center	14350 SE Eastgate Way, Bellevue	10:15 a.m.
*Evergreen Hospital Medical Center (1 st Floor, Lab)	12040 NE 128 th St, Kirkland	9:45 a.m.
Northshore Public Health Center	10808 NE 145 th St, Bothell	9:30 a.m.
*Overlake Hosp. Medical Center (1 st Floor, Lab)	1035 116 th Ave NE, Bellevue	10:00 a.m.

*Accessible 24 hours per day

PUBLIC HEALTH – SEATTLE & KING COUNTY LABORATORY

FEES

January 1, 2005

A. <u>MICROBIOLOGY</u>	<u>FEES</u>
Acid fast bacillus, smear only	\$13.00
Botulism [obtain prior approval from Epidemiology Section, (206) 296-4774]	No charge
Brucella, confirmation	No charge
<i>Chlamydia trachomatis</i> by APTIMA	22.00
Cholera, confirmation	No charge
Cryptosporidium examination	13.00
Culture, Acid fast bacillus with smear	25.00
Culture, Gonorrhea	7.00
Culture, Group A streptococcus	7.00
Culture, Group B streptococcus	7.00
Culture, <i>Haemophilus ducreyi</i>	7.00
Culture, Herpes simplex virus	29.00
Culture, Pertussis with smear	No charge
Culture, Stool	33.00
Culture, Trichomonas	7.00
Culture, Virus	No charge
Cyclospora, confirmation	No charge
Diphtheria, confirmation	No charge
Disease of suspected bioterrorism origin [obtain prior approval from Epidemiology Section, (206) 296-4774]	No charge
Enterohemorrhagic <i>Escherichia coli</i> , confirmation	No charge
Food bacteriology [obtain prior approval from Epidemiology Section, (206) 296-4774]	No charge
Gonorrhea, confirmation	No charge
Influenza virus antigen	26.00
Meningococcal disease, confirmation	No charge
<i>Neisseria gonorrhoeae</i> by APTIMA	22.00
Ova and parasites examination	10.00
Pinworm examination	5.00
Plague, confirmation	No charge
Rabies [obtain prior approval from Epidemiology Section, (206) 296-4774]	No charge
Respiratory syncytial virus antigen	13.00
Salmonella, confirmation	No charge
Shigella, confirmation	No charge
Tuberculosis, confirmation	No charge
Tularemia, confirmation	No charge

B. SEROLOGY

FEES

Hepatitis A antibody, IgM (IgM anti-HAV)	13.00
Hepatitis A antibody (anti-HAV)	14.00
Hepatitis B surface antigen (HBsAg)	12.00
Hepatitis B surface antibody (anti-HBs)	12.00
Hepatitis B core antibody, IgM (IgM anti-HBc)	13.00
Hepatitis B core antibody (anti-HBc)	13.00
Hepatitis C antibody (anti-HCV)	16.00
Herpes simplex type 1 antibody, IgG	15.00
Herpes simplex type 2 antibody, IgG	22.00
HIV-1 antibody, EIA (includes WB when EIA is repeatably reactive)	10.00
HIV-1 antibody, confirmation, WB	27.00
Measles antibody, IgM, confirmation	No charge
Measles antibody, IgG	14.00
Mumps antibody, IgG	15.00
Rubella antibody, IgG	15.00
Syphilis, RPR (if positive, includes TP-PA)	5.00
Syphilis, treponemal antibody, TP-PA	15.00
Syphilis, treponemal antibody, FTA-ABS, CSF	15.00
Syphilis, confirmation, RPR (if positive, includes TP-PA)	No charge
Syphilis, VDRL, CSF	5.00
Varicella-zoster virus antibody, IgG	14.00

C. ENVIRONMENTAL

Water, drinking, for total coliforms and <i>E. coli</i> (purchase kits at public health laboratory or public health centers)	15.00
Water from swimming pools, hot tubs, jacuzzis, etc., for <i>E. coli</i> (purchase kits at public health laboratory or public health centers)	15.00
Water from swimming pools, hot tubs, jacuzzis, etc., for <i>P. aeruginosa</i> (purchase kits at public health laboratory or public health centers)	15.00